

Author Index to Volume 193

Amaya, A., see A. Frank	193 (1992) 176
Arbour, C., see V.S. Williams	193 (1992) 317
Armstrong, N.R., see V.S. Williams	193 (1992) 317
Arnold, S.T., see J.G. Eaton	193 (1992) 141
Bajdor, K., see F.W. Langkilde	193 (1992) 169
Balasubramanian, K., see G. Kim	193 (1992) 109
Balasubramanian, K., see D. Dai	193 (1992) 251; 565
Balková, A. and R.J. Bartlett, Coupled-cluster method for open-shell singlet states	193 (1992) 364
Barnabas, M.V. and A.D. Trifunac, Ion-molecule reactions of tetramethylethylene radical cations in zeolites	193 (1992) 298
Bartlett, R.J., see A. Balková	193 (1992) 364
Bartlett, R.J., see M. Barysz	193 (1992) 373
Bartlett, R.J., see P.G. Szalay	193 (1992) 573
Barysz, M., M. Rittby and R.J. Bartlett, Fock space multi-reference coupled-cluster study of excitation energies and dipole oscillator strengths of ozone	193 (1992) 373
Bates, J.L., see D.C. Robie	193 (1992) 413
Bauschlicher Jr., C.W. and S.R. Langhoff, Theoretical study of the bond dissociation energies of propyne (C_3H_4)	193 (1992) 380
Beauregard, J.N. and H.R. Mayne, Isotope effects in $HD(g) + W(001)$	193 (1992) 115
Beckerbauer, R., see H. Hsiung	193 (1992) 123
Bencivenni, L., see F. Ramondo	193 (1992) 594
Berezhkovskii, A.M., Yu.A. Makhnovskii, R.A. Suris, L.V. Bogachev and S.A. Molchanov, Diffusion-limited reactions with correlated traps	193 (1992) 211
Beutel, V., see H.-G. Krämer	193 (1992) 331
Bhuiyan, L.B., C.W. Outhwaite and D. Bratko, Structure and thermodynamics of micellar solutions in the modified Poisson-Boltzmann theory	193 (1992) 203
Blasse, G., see J. Sytsma	193 (1992) 342
Bogachev, L.V., see A.M. Berezhkovskii	193 (1992) 211
Böhme, D.K., see J. Hrušák	193 (1992) 97
Bonatsos, D., C. Daskaloyannis and K. Kokkotas, WKB equivalent potentials for q -deformed anharmonic oscillators	193 (1992) 191
Bone, R.G.A., Deducing the symmetry operations generated at a transition state	193 (1992) 557
Bordas, C., see Ph. Dugourd	193 (1992) 539
Bowen, K.H., see J.G. Eaton	193 (1992) 141
Bratko, D., see L.B. Bhuiyan	193 (1992) 203
Broyer, M., see Ph. Dugourd	193 (1992) 539
Brühwiler, P.A., A.J. Maxwell, A. Nilsson, R.L. Whetten and N. Mårtensson, Resonant photoemission of solid C_{60}	193 (1992) 311
Callis, P.R., see D.M. Sammeth	193 (1992) 532

- Chakravarti, N. and K.L. Sebastian, Electrochemical electron transfer: a diffusion-reaction equation approach 193 (1992) 456
- Charutz, D.M. and R.D. Levine, Reaction dynamics in solution: the activated $\text{Cl} + \text{Cl}_2$ exchange in fluid Ar 193 (1992) 55
- Chen, C.T., see L.J. Medhurst 193 (1992) 493
- Chevaleyre, J., see Ph. Dugourd 193 (1992) 539
- Chong, D.P. and D. Papousek, Electric dipole moment derivatives for methane computed by a density functional method 193 (1992) 399
- Chou, P.-T., see M.L. Martinez 193 (1992) 151
- Christophorou, L.G., see T. Jaffke 193 (1992) 62
- Christophorou, L.G., see H. Faidas 193 (1992) 487
- Cioslowski, J. and J.D. Watts, Accuracy of the first-order density matrices calculated with approximate coupled-cluster methods including connected triple excitations 193 (1992) 580
- Collin, J.E., see M. Gochel-Dupuis 193 (1992) 41
- Collins, M.A., see A.J. Karas 193 (1992) 181
- Connell, L.L., see S.M. Ohline 193 (1992) 335
- Cooper, W.C., see M.L. Martinez 193 (1992) 151
- Coplan, M.A., see J.W. Keller 193 (1992) 89
- Costa, S.M.B., see P.P. Levin 193 (1992) 461
- Dai, D., K. Sumathi and K. Balasubramanian, Eight electronic states and potential energy surfaces of Ge_3 193 (1992) 251
- Dai, D. and K. Balasubramanian, Electronic states of Zr_4 193 (1992) 565
- Daskaloyannis, C., see D. Bonatsos 193 (1992) 191
- Delwiche, J., see M. Gochel-Dupuis 193 (1992) 41
- Demtröder, W., see H.-G. Krämer 193 (1992) 331
- Demyashkevich, A.B., see Y.V. Il'ichev 193 (1992) 128
- Ding, H.-Q., N. Karasawa and W.A. Goddard III, Optimal spline cutoffs for Coulomb and van der Waals interactions 193 (1992) 197
- Doroshchenko, V.M., N.N. Kudriavtsev, A.M. Sukhov and D.P. Shamshev, NF_3 decomposition behind shock waves 193 (1992) 258
- Dubernet, M.-L., P.A. Tuckey and J.M. Hutson, Parity doubling in open-shell van der Waals complexes 193 (1992) 355
- Dubinskii, A.A., see G.G. Maresch 193 (1992) 134
- Dugourd, Ph., J. Chevaleyre, C. Bordas and M. Broyer, Strontium clusters and ionization of the Sr_2 dimer 193 (1992) 539
- Eaton, J.G., H.W. Sarkas, S.T. Arnold, K.M. McHugh and K.H. Bowen, Negative ion photoelectron spectroscopy of the heteronuclear alkali-metal dimer and trimer anions: NaK^- , KRb^- , RbCs^- , KCs^- , Na_2K^- , and K_2Cs^- 193 (1992) 141
- Eiswirth, M., Th.-M. Kruel, G. Ertl and F.W. Schneider, Hyperchaos in a chemical reaction 193 (1992) 305
- Ertl, G., see M. Eiswirth 193 (1992) 305
- Faidas, H., L.G. Christophorou and D.L. McCorkle, Laser photodetachment in liquids: C_6F_6^- in tetramethylsilane 193 (1992) 487
- Fayer, M.D., see S.R. Greenfield 193 (1992) 49
- Felker, P.M., see S.M. Ohline 193 (1992) 335

- Feller, K.-H. and A. Müller, Picosecond study of the temperature dependence of electron transfer in the excited singlet state of a polymethine dye 193 (1992) 161
- Flynn, G.W., see C.K. Ni 193 (1992) 69
- Flynn, G.W., see G.E. Hall 193 (1992) 77
- Foggi, P., R. Righini, R. Torre and V.F. Kamalov, Molecular dynamics of β -carotene in solution measured by subpicosecond transient optical Kerr effect 193 (1992) 23
- François, J.P., see J.M.L. Martin 193 (1992) 243
- Frank, A., R. Lemus, J. Récamier and A. Amaya, An algebraic approach to the study of three-dimensional atom-diatom collisions 193 (1992) 176
- Fujimura, Y., see H. Kono 193 (1992) 518
- Galli, C., see K. Wynne 193 (1992) 17
- Gezelter, J.D., see T.D. Sewell 193 (1992) 512
- Ghosh, P.N., see S. Mandal 193 (1992) 185
- Gijbels, R., see J.M.L. Martin 193 (1992) 243
- Gilbert, R.G., see A.J. Karas 193 (1992) 181
- Gitterman, M. and G.H. Weiss, A class of exactly solvable reaction-diffusion equations with first-order distributed reaction rates 193 (1992) 469
- Gochel-Dupuis, M., J. Delwiche, M.-J. Hubin-Franskin and J.E. Collin, High-resolution HeI photoelectron spectrum of acetonitrile 193 (1992) 41
- Goddard III, W.A., see H.-Q. Ding 193 (1992) 197
- Grandinetti, F., see F. Ramondo 193 (1992) 594
- Greenfield, S.R., A. Sengupta, J.J. Stankus and M.D. Fayer, Local structure dynamics in liquids: non-hydrodynamic orientational relaxation of 2-ethyl naphthalene 193 (1992) 49
- Grice, R., see R.W.P. White 193 (1992) 269
- Guo, H., Femtosecond dynamics of a predissociative Rydberg state of methyl iodide 193 (1992) 527
- Güttler, F., see U.P. Wild 193 (1992) 451
- Haase, J., E. Oldfield and K. Schmitt, A static and "magic-angle" sample-spinning nuclear magnetic resonance spectroscopic study of ^{11}B in $\text{Si}[\text{B}]$. An analysis of spin-spin and spin-lattice relaxation behavior in the metallic state 193 (1992) 274
- Hall, G.E., J.T. Muckerman, J.M. Preses, R.E. Weston Jr. and G.W. Flynn, Time-resolved FTIR studies of the photodissociation of pyruvic acid at 193 nm 193 (1992) 77
- Hamanoue, K., see T. Nagamura 193 (1992) 30
- Han, K., G. He and N. Lou, Laser-induced fluorescence study of the beam-gas reactions of Ba with *o,m,p*- $\text{C}_6\text{H}_4\text{Cl}_2$ 193 (1992) 165
- Hashemi, R., see T. Jaffke 193 (1992) 62
- Havenith, M., H. Linnartz, E. Zwart, A. Kips, J.J. ter Meulen and W.L. Meerts, An infrared-far-infrared double resonance study on $(\text{NH}_3)_2$ in a jet 193 (1992) 261
- He, G., see K. Han 193 (1992) 165
- Heidler, R. and W. Windsch, EPR investigations on Mn^{2+} -doped betaine calcium chloride dihydrate 193 (1992) 147
- Heimann, P.A., see L.J. Medhurst 193 (1992) 493
- Hirata, Y., Y. Tanaka and N. Mataga, Monophotonic ionization of N,N,N',N'-tetramethyl-*p*-phenylenediamine excited with near-UV light pulse. Temperature dependence in acetonitrile solution 193 (1992) 36
- Hirata, Y. and N. Mataga, Picosecond dye laser photolysis study of diphenylcyclopropenone in solution: formation of the electronically excited states of diphenylacetylene 193 (1992) 287

Ho, K.M., see B.L. Zhang	193 (1992) 225
Ho, Z.Z., see V.S. Williams	193 (1992) 317
Hochstrasser, R.M., see K. Wynne	193 (1992) 17
Hrušák, J., D.K. Böhme, T. Weiske and H. Schwarz, Ab initio MO calculation on the energy barrier for the penetration of a benzene ring by a helium atom. Model studies for the formation of endohedral He@C ₆₀ ⁺ complexes by high-energy bimolecular reactions	193 (1992) 97
Hsiao, M.W., see C.T. Lin	193 (1992) 8
Hsiung, H. and R. Beckerbauer, Orientational ordering of perfluoroalkyl-terminated amphiphiles at the air-water interface: a comparison between polymeric and monomeric monolayers	193 (1992) 123
Hubin-Franskin, M.-J., see M. Gochel-Dupuis	193 (1992) 41
Hunter, M., see D.C. Robie	193 (1992) 413
Hurley, M.D., see T.J. Wallington	193 (1992) 84
Hutson, J.M., see M.-L. Dubernet	193 (1992) 355
Ikeda, H., see K. Kikuchi	193 (1992) 155
Il'ichev, Y.V., K.M. Solntsev, A.B. Demyashkevich, M.G. Kuzmin, H. Lemmetyinen and E. Vuorimaa, Excited-state proton-transfer reactions of long-chain derivatives of naphthols in solutions and Langmuir-Blodgett films	193 (1992) 128
Illenberger, E., see T. Jaffke	193 (1992) 62
Ivanov, G.R., First observation of fluorescence self-quenching in Langmuir films	193 (1992) 323
Jaffke, T., M. Meinke, R. Hashemi, L.G. Christophorou and E. Illenberger, Dissociative electron attachment to singlet oxygen	193 (1992) 62
Jiang, Q., H. Xia, Z. Zhang and D. Tian, Vibrational spectrum of C ₆₀	193 (1992) 93
Jiang, Y., see H. Zhu	193 (1992) 446
Johansen, H., see K. Pierloot	193 (1992) 231
Joireman, P.W., see S.M. Ohline	193 (1992) 335
Jordan, K.J., R.H. Lipson, N.A. McDonald and D.S. Yang, The C ⁴ Π- ⁴ Σ band system of ZrCl near 410 nm	193 (1992) 499
Just, B., J. Manz and I. Trisca, Chirping ultrashort infrared laser pulses with analytical shapes for selective vibrational excitations. Model simulations for OH(<i>v</i> =0)→OH(<i>v</i> ≤10)	193 (1992) 423
Just, B., J. Manz and G.K. Paramonov, Series of ultrashort infrared laser pulses with analytical shapes for selective vibrational excitations. Model simulations for OH(<i>v</i> =0)→OH(<i>v</i> =10)	193 (1992) 429
Kalyanasundaram, K. and Md.K. Nazeeruddin, Tuning of the CT excited state and validity of the energy gap law in mixed ligand complexes of Ru(II) containing 4,4'-dicarboxy-2,2'-bipyridine	193 (1992) 292
Kamalov, V.F., see P. Foggi	193 (1992) 23
Kang, H., K.H. Park, S.H. Suck Salk and C.W. Lee, A unimolecular reaction model approach to the study of desorption of carbon monoxide induced by chemical activation	193 (1992) 104
Kanik, I., S. Trajmar and J.C. Nickel, Total cross section measurements for electron scattering on CH ₄ from 4 to 300 eV	193 (1992) 281
Karas, A.J., R.G. Gilbert and M.A. Collins, Rigorous derivation of reaction path degeneracy in transition state theory	193 (1992) 181

Karasawa, N., see H.-Q. Ding	193 (1992) 197
Katagiri, T., see K. Kikuchi	193 (1992) 155
Katalnikov, I.V., see P.P. Levin	193 (1992) 461
Keller, J.W. and M.A. Coplan, Electron energy loss spectroscopy of C ₆₀	193 (1992) 89
Khudyakov, I.V., see N.J. Turro	193 (1992) 546
Kikuchi, K., T. Katagiri, T. Niwa, Y. Takahashi, T. Suzuki, H. Ikeda and T. Miyashi, Evidence for generation of electronically excited radical ion in very exothermic electron-transfer fluorescence quenching	193 (1992) 155
Kim, G. and K. Balasubramanian, Spectroscopic properties and potential energy curves of GaCl	193 (1992) 109
Kips, A., see M. Havenith	193 (1992) 261
Kokkotas, K., see D. Bonatsos	193 (1992) 191
Kono, H. and Y. Fujimura, A proposition of a new type of femtosecond transient spectroscopy for uniquely determining classical trajectory	193 (1992) 518
Krämer, H.-G., V. Beutel, K. Weyers and W. Demtröder, Sub-Doppler laser spectroscopy of silver dimers Ag ₂ in a supersonic beam	193 (1992) 331
Krossner, Th., R. Vetter, L. Zülicke and S.D. Peyerimhoff, MRD-CI study of the electronic spectrum of the fluoroformyl radical FCO	193 (1992) 236
Kruel, Th.-M., see M. Eiswirth	193 (1992) 305
Kudla, K. and G.C. Schatz, A quasiclassical trajectory study of bond specific chemistry in the reaction H+HOD→H ₂ +OD, HD+OH	193 (1992) 507
Kudriavtsev, N.N., see V.M. Doroshchenko	193 (1992) 258
Kulbida, A., Thermodynamic characteristics of excited electronic states, Chem. Phys. Letters 171 (1990) 80. Erratum	193 (1992) 202
Kurtz, H.A., see T. Pluta	193 (1992) 594
Kuzmin, M.G., see Y.V. Il'ichev	193 (1992) 128
Langhoff, S.R., see C.W. Bauschlicher Jr.	193 (1992) 380
Langkilde, F.W., K. Bajdor and R. Wilbrandt, Resonance Raman study of the benzyl radical	193 (1992) 169
Lee, C.W., see H. Kang	193 (1992) 104
Lemmetyinen, H., see Y.V. Il'ichev	193 (1992) 128
Lemus, R., see A. Frank	193 (1992) 176
Levin, P.P., L.F. Vieira Ferreira, S.M.B. Costa and I.V. Katalnikov, Geminat recombination kinetics of triplet radical ion pairs on silica studied by diffuse reflectance laser flash photolysis	193 (1992) 461
Levine, R.D., see D.M. Charutz	193 (1992) 55
Li, L., see C.T. Lin	193 (1992) 8
Lin, C.T., A.M. Mahloudji, L. Li and M.W. Hsiao, Molecular aggregation of rhodamine 6G probed by optical and electrochemical techniques	193 (1992) 8
Linnartz, H., see M. Havenith	193 (1992) 261
Lipson, R.H., see K.J. Jordan	193 (1992) 499
Lou, N., see K. Han	193 (1992) 165
Ma, N.L., B.J. Smith and L. Radom, The energy difference between formaldehyde and hydroxymethylene radical cations: failure of unrestricted (UMP2) and restricted (RMP2) Møller-Plesset procedures	193 (1992) 386
Ma, Y., see L.J. Medhurst	193 (1992) 493

Mahloudji, A.M., see C.T. Lin	193 (1992) 8
Makhnovskii, Yu.A., see A.M. Berezhkovskii	193 (1992) 211
Makri, N., Improved Feynman propagators on a grid and non-adiabatic corrections within the path integral framework	193 (1992) 435
Mandal, S. and P.N. Ghosh, Bloch–Siegert effect in three-level rfmw double resonance	193 (1992) 185
Manz, J., see B. Just	193 (1992) 423; 429
Marconi, G. and P.R. Salvi, Theoretical calculations on the three-photon absorption spectrum of benzene	193 (1992) 481
Maresch, G.G., M. Weber, A.A. Dubinskii and H.W. Spiess, 2D-ELDOR detection of magnetization transfer of nitroxides in disordered solid polymers	193 (1992) 134
Mårtensson, N., see P.A. Brühwiler	193 (1992) 311
Martin, J.M.L., J.P. François and R. Gijbels, The structure, stability, and infrared spectrum of B_2N , B_2N^+ , B_2N^- , BO , B_2O , and B_2N_2 .	193 (1992) 243
Martinez, M.L., W.C. Cooper and P.-T. Chou, A novel excited-state intramolecular proton transfer molecule, 10-hydroxybenzo[h]quinoline	193 (1992) 151
Mataga, N., see Y. Hirata	193 (1992) 36
Mataga, N., see Y. Hirata	193 (1992) 287
Maxwell, A.J., see P.A. Brühwiler	193 (1992) 311
Mayne, H.R., see J.N. Beauregard	193 (1992) 115
McCorkle, D.L., see H. Faidas	193 (1992) 487
McDonald, N.A., see K.J. Jordan	193 (1992) 499
McHugh, K.M., see J.G. Eaton	193 (1992) 141
Medhurst, L.J., P.A. Heimann, M.R.F. Siggel, D.A. Shirley, C.T. Chen, Y. Ma, S. Modesti and F. Sette, Vibrationally resolved threshold photoemission of N_2 and CO at the N and C K-edges	193 (1992) 493
Meerts, W.L., see M. Havenith	193 (1992) 261
Meinke, M., see T. Jaffke	193 (1992) 62
Mestechkin, M.M. and G.E. Whyman, Higher Hartree–Fock frequency-dependent hyperpolarizabilities	193 (1992) 395
Michel, K.H., Sequence of orientational phase transitions in solid C_{60}	193 (1992) 478
Miller, W.H., see T.D. Sewell	193 (1992) 512
Miyashi, T., see K. Kikuchi	193 (1992) 155
Modesti, S., see L.J. Medhurst	193 (1992) 493
Molchanov, S.A., see A.M. Berezhkovskii	193 (1992) 211
Muckerman, J.T., see G.E. Hall	193 (1992) 77
Müller, A., see K.-H. Feller	193 (1992) 161
Nagamura, T., T. Nakayama and K. Hamanoue, Role of the lowest excited singlet state of 9,10-dichloroanthracene for its photochemical dechlorination by amine (triethylamine or N,N-dimethylaniline) in acetonitrile at room temperature	193 (1992) 30
Nakayama, T., see T. Nagamura	193 (1992) 30
Nazeeruddin, Md.K., see K. Kalyanasundaram	193 (1992) 292
Ni, C.K. and G.W. Flynn, Correlation between molecular recoil and molecular orientation in collisions of symmetric top molecules with hot hydrogen atoms	193 (1992) 69
Nickel, J.C., see I. Kanik	193 (1992) 281
Nilsson, A., see P.A. Brühwiler	193 (1992) 311
Niwa, T., see K. Kikuchi	193 (1992) 155

Ohline, S.M., L.L. Connell, P.W. Joireman, V.A. Venturo and P.M. Felker, The geometry of carbazole-(Ar) ₂ from rotational coherence spectroscopy	193 (1992) 335
Okada, M., see K. Tanaka	193 (1992) 101
Okahara, K., see K. Tanaka	193 (1992) 101
Oldfield, E., see J. Haase	193 (1992) 274
Outhwaite, C.W., see L.B. Bhuiyan	193 (1992) 203
Papousek, D., see D.P. Chong	193 (1992) 399
Paramonov, G.K., see B. Just	193 (1992) 429
Park, K.H., see H. Kang	193 (1992) 104
Peyerimhoff, S.D., see Th. Krossner	193 (1992) 236
Peyghambarian, N., see V.S. Williams	193 (1992) 317
Pierloot, K., L.G. Vanquickenborne and H. Johansen, Theoretical analysis of the spin density of CrF ₆ ³⁻ in K ₂ NaCrF ₆	193 (1992) 231
Pirotta, M., see U.P. Wild	193 (1992) 451
Pluta, T. and H.A. Kurtz, An MCSCF study of the electric properties of the Be atom, Chem. Phys. Letters 189 (1992) 255. Erratum	193 (1992) 594
Pogosov, V.V., Curvature correction for surface tension of a metal droplet	193 (1992) 473
Preses, J.M., see G.E. Hall	193 (1992) 77
Radom, L., see N.L. Ma	193 (1992) 386
Ramondo, F., N. Sanna, L. Bencivenni and F. Grandinetti, Ab initio study on the radical anions SO ₃ ⁻ and CO ₂ ⁻ and on the charge-transfer complexes MSO ₃ and MCO ₂ (M=Li, Na), Chem. Phys. Letters 180 (1991) 369. Erratum	193 (1992) 594
Récamier, J., see A. Frank	193 (1992) 176
Ree, J. and H.K. Shin, Temperature dependence of the probability of vibrational energy exchange between the stretching modes in H ₂ O/D ₂ O+Ar collisions	193 (1992) 215
Reisler, H., see D.C. Robie	193 (1992) 413
Renn, A., see U.P. Wild	193 (1992) 451
Righini, R., see P. Foggi	193 (1992) 23
Rittby, M., see M. Barysz	193 (1992) 373
Robie, D.C., M. Hunter, J.L. Bates and H. Reisler, Product state distributions in the photodissociation of expansion-cooled NO ₂ near the NO(X ² Π) v=1 threshold	193 (1992) 413
Rossi, C., Contributions of internal motions to molecular dynamics in solution. A nuclear magnetic resonance investigation	193 (1992) 553
Salvi, P.R., see G. Marconi	193 (1992) 481
Sammeth, D.M., S.S. Siewert, L.H. Spangler and P.R. Callis, ¹ L _a transitions of jet-cooled 3-methylindole	193 (1992) 532
Sanna, N., see F. Ramondo	193 (1992) 594
Sarkas, H.W., see J.G. Eaton	193 (1992) 141
Schatz, G.C., see K. Kudla	193 (1992) 507
Schmitt, K., see J. Haase	193 (1992) 274
Schneider, F.W., see M. Eiswirth	193 (1992) 305
Schwarz, H., see J. Hrušák	193 (1992) 97
Sebastian, K.L., see N. Chakravarti	193 (1992) 456
Sengupta, A., see S.R. Greenfield	193 (1992) 49

Sette, F., see L.J. Medhurst	193 (1992) 493
Sewell, T.D. and D.L. Thompson, Semiclassical demonstration of mode specificity in the tunneling splitting in a model of the malonaldehyde molecule	193 (1992) 347
Sewell, T.D., D.L. Thompson, J.D. Gezelter and W.H. Miller, Some problems of correcting the zero-point energy problem in classical trajectories	193 (1992) 512
Shamshev, D.P., see V.M. Doroshchenko	193 (1992) 258
Shin, H.K., see J. Ree	193 (1992) 215
Shirley, D.A., see L.J. Medhurst	193 (1992) 493
Siewert, S.S., see D.M. Sammeth	193 (1992) 532
Siggel, M.R.F., see L.J. Medhurst	193 (1992) 493
Smith, B.J., see N.L. Ma	193 (1992) 386
Smith, D.J., see R.W.P. White	193 (1992) 269
Sokoloff, J.P., see V.S. Williams	193 (1992) 317
Solntsev, K.M., see Y.V. Il'ichev	193 (1992) 128
Spangler, L.H., see D.M. Sammeth	193 (1992) 532
Spiess, H.W., see G.G. Maresch	193 (1992) 134
Stankus, J.J., see S.R. Greenfield	193 (1992) 49
Stanton, J.F., see P.G. Szalay	193 (1992) 573
Suck Salk, S.H., see H. Kang	193 (1992) 104
Suh, J.S., Overtones of longitudinal acoustical vibration of palmitic acid adsorbed on silver	193 (1992) 327
Sukhov, A.M., see V.M. Doroshchenko	193 (1992) 258
Sumathi, K., see D. Dai	193 (1992) 251
Suris, R.A., see A.M. Berezhkovskii	193 (1992) 211
Suzuki, T., see K. Kikuchi	193 (1992) 155
Sytsma, J. and G. Blasse, Anti-Stokes emission from Gd^{3+} in $BaGdF_5$	193 (1992) 342
Szalay, P.G., J.F. Stanton and R.J. Bartlett, A systematic coupled-cluster investigation of structure and vibrational frequencies of the lowest electronic states of ketyl radical	193 (1992) 573
Takahashi, Y., see K. Kikuchi	193 (1992) 155
Tanaka, K., M. Okada, K. Okahara and T. Yamabe, Structure and electronic state of C_{60}^-	193 (1992) 101
Tanaka, Y., see Y. Hirata	193 (1992) 36
Ter Meulen, J.J., see M. Havenith	193 (1992) 261
Thompson, D.L., see T.D. Sewell	193 (1992) 347; 512
Tian, D., see Q. Jiang	193 (1992) 93
Torre, R., see P. Foggi	193 (1992) 23
Trajmar, S., see I. Kanik	193 (1992) 281
Trifunac, A.D., see M.V. Barnabas	193 (1992) 298
Trisca, I., see B. Just	193 (1992) 423
Tuckey, P.A., see M.-L. Dubernet	193 (1992) 355
Turro, N.J. and I.V. Khudyakov, Single-phase primary electron spin polarization transfer in spin-trapping reactions	193 (1992) 546
Van Grondelle, R., see F. van Mourik	193 (1992) 1
Van Mourik, F., R.W. Visschers and R. van Grondelle, Energy transfer and aggregate size effects in the inhomogeneously broadened core light-harvesting complex of <i>Rhodobacter sphaeroides</i>	193 (1992) 1

Vanquickenborne, L.G., see K. Pierloot	193 (1992) 231
Venturo, V.A., see S.M. Ohline	193 (1992) 335
Vetter, R., see Th. Krossner	193 (1992) 236
Vieira Ferreira, L.F., see P.P. Levin	193 (1992) 461
Visschers, R.W., see F. van Mourik	193 (1992) 1
Vuorimaa, E., see Y.V. Il'ichev	193 (1992) 128
Wallington, T.J. and M.D. Hurley, FTIR product study of the reaction of $\text{CD}_3\text{O}_2 + \text{HO}_2$	193 (1992) 84
Wang, C.Z., see B.L. Zhang	193 (1992) 225
Watts, J.D., see J. Cioslowski	193 (1992) 580
Weber, M., see G.G. Maresch	193 (1992) 134
Weiske, T., see J. Hrušák	193 (1992) 97
Weiss, G.H., see M. Gitterman	193 (1992) 469
Weston Jr., R.E., see G.E. Hall	193 (1992) 77
Weyers, K., see H.-G. Krämer	193 (1992) 331
Whetten, R.L., see P.A. Brühwiler	193 (1992) 311
White, R.W.P., D.J. Smith and R. Grice, Reactive scattering of $\text{O}(^3\text{P})$ atoms with alkyl and allyl iodide molecules	193 (1992) 269
Whitnell, R.M., see Y. Yan	193 (1992) 402
Whyman, G.E., see M.M. Mestechkin	193 (1992) 395
Wilbrandt, R., see F.W. Langkilde	193 (1992) 169
Wild, U.P., F. Güttler, M. Pirotta and A. Renn, Single molecule spectroscopy: Stark effect of pentacene in <i>p</i> -terphenyl	193 (1992) 451
Williams, V.S., J.P. Sokoloff, Z.Z. Ho, C. Arbour, N.R. Armstrong and N. Peyghambarian, Ultrafast polarization-dependent spectral hole-burning in a nearly amorphous fluoroaluminum phthalocyanine thin film	193 (1992) 317
Wilson, K.R., see Y. Yan	193 (1992) 402
Windsch, W., see R. Heidler	193 (1992) 147
Wynne, K., C. Galli and R.M. Hochstrasser, Femtosecond intermolecular vibrational motion in pyrrole	193 (1992) 17
Xia, H., see Q. Jiang	193 (1992) 93
Yamabe, T., see K. Tanaka	193 (1992) 101
Yan, Y., R.M. Whitnell, K.R. Wilson and A.H. Zewail, Femtosecond chemical dynamics in solution. Wavepacket evolution and caging of I_2	193 (1992) 402
Yang, D.S., see K.J. Jordan	193 (1992) 499
Yannouleas, C., From the cationic to the anionic alkali clusters: how the photoabsorption depends upon the total charge	193 (1992) 587
Zewail, A.H., see Y. Yan	193 (1992) 402
Zhang, B.L., C.Z. Wang and K.M. Ho, Structures of large fullerenes: C_{60} to C_{94}	193 (1992) 225
Zhang, Z., see Q. Jiang	193 (1992) 93
Zhu, H. and Y. Jiang, Clar's structure of benzenoid hydrocarbons and six-electron spin correlation ordering in hexagons	193 (1992) 446
Zülicke, L., see Th. Krossner	193 (1992) 236
Zwart, E., see M. Havenith	193 (1992) 261